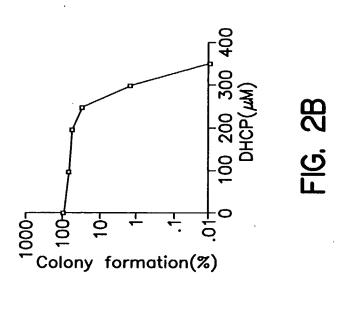
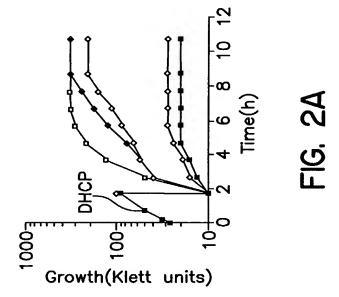
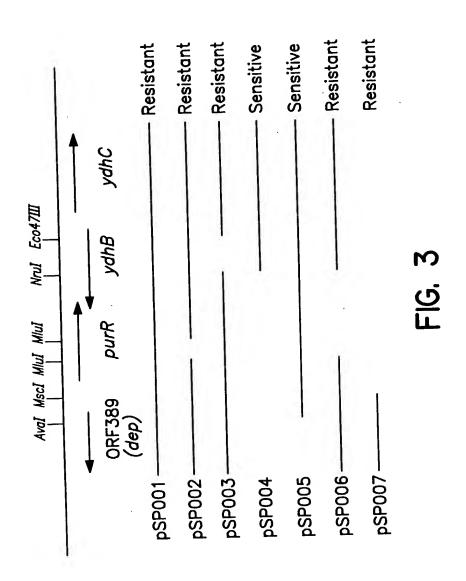


FIG. I







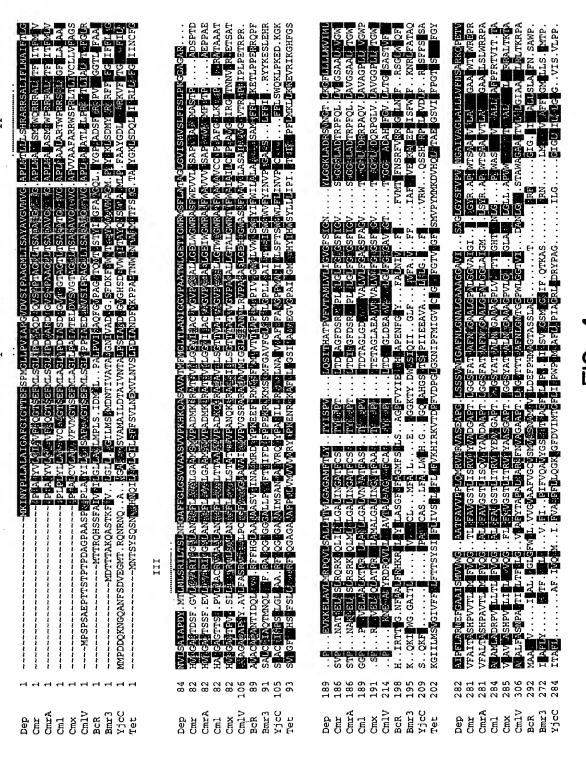
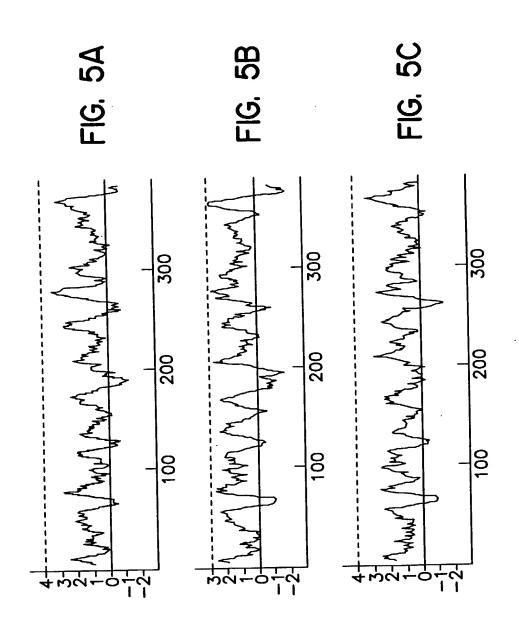


FIG. 4

個STI限SE第1KQQEAGA6M <b>為LI</b> N競響S <b>E : B</b> SE <b>E</b> TC <b>E型I 数GGII</b> SIPLLDPRLLP <b>E</b>	GAGGTTPSEPARGKATSSC	
iggi <b>e</b> vdrrvplyalnegovtfiendasfelettswfnegiiivfelgeesttktvestieseeriegeergaglenegeengeengeeseergeeseergeeseerieg	PALENOPP	IFQAGTRSQIPDAILNRIIDAMSSSITY. VFLLALIPIVLAAVTILFMGKARVKTTAEMTKKAN KADFKKR. P LLVRLYSRIKNVPSYLIF
312	385 384 388 388 409 372 354 421	390 392 392 392 437 450 450
Pet	Dep Cmr CmrA Cml Cml Cmx CmlV BcR Bmr3	Dep Cmr CmrA Cml Cmx CmlV CmlV EnlV BoR YjcC

FIG. 4 (cont.)



4381 gccagccact cttccagctg acgcacggta tagctgaccg cagaaggaac gcgatgcagc 4441 teetgtgeeg cagegetaaa actaceatta egegetaeeg cateaacaae ttegagtgaa 4501 tattctgacc acatagtctg cctgcaaaat ttttgaaacc agtcatcaaa tattaccgtt 4561 tcacaacact aatttcactc cctacacttt gcggcggtgt ttaattgaga gatttagaga 4621 atatacatgc aacctgggaa aagattttta gtctggctgg cgggtttgag cgtactcggt 4681 tttctggcaa ccgatatgta tctgcctgct ttcgccgcca tacaggccga cctgcaaacg 4741 cctgcgtctg ctgtcagtgc cagccttagt ctgttccttg ccggttttgc cgcagcccag 4801 cttctgtggg ggccgctctc cgaccgttat ggtcgtaaac cggtattatt aatcggcctg 4861 acaatttttg cgttaggtag tctggggatg ctgtgggtag aaaacgccgc tacgctgctg 4921 gtattgcgtt ttgtacaggc tgtgggtgtc tgcgccgcgg cggttatctg gcaagcatta 4981 gtgacagatt attateette acagaaagtt aacegtattt ttgeggeeat catgeegetg 5041 gtgggtctat ctccggcact ggctcctctg ttaggaagct ggctgctggt ccatttttcc 5101 tggcaggega ttttcgccac cctgtttgcc attaccgtgg tgctgattct gcctattttc 5161 tggctcaaac ccacgacgaa ggcccgtaac aatagtcagg atggtctgac ctttaccgac 5221 ctgctacgtt ctaaaaccta tcgcggcaac gtgctgatat acgcagcctg ttcagccagt 5281 ttttttgcat ggctgaccgg ttcaccgttc atccttagtg aaatgggcta cagcccggca 5341 gttattggtt taagttatgt cccgcaaact atcgcgtttc tgattggtgg ttatggctgt 5401 cgcgccgcgc tgcagaaatg gcaaggcaag cagttattac cgtggttgct ggtgctgttt 5461 gctgtcagcg tcattgcgac ctgggctgcg ggcttcatta gccatgtgtc gctggtcgaa 5521 atcctgatcc cattctgtgt gatggcgatt gccaatggcg cgatctaccc tattgttgtc 5581 gcccaggcgc tgcgtccctt cccacacgca actggtcgcg ccgcagcgtt gcagaacact 5641 cttcaactgg gtctgtgctt cctcgcaagt ctggtagttt cctggctgat cagtatcagc 5701 acgccattgc tcaccaccac cagcgtgatg ttatcaacag taatgctggt cgcgctgggt 5761 tacatgatgc aacgttgtga agaagttggc tgccagaatc atggcaatgc cgaagtcgct 5821 catagogaat cacactgace tatatogata tacttatact taggotgota acaaaatttt 5881 gttgtatgat tgaaattagc ggcctatact aatttcgagt tgttaaagct acgataaata 5941 ttatgttttt acggggacag gatcgttccc gactcactat ggatagtcat ttcggcaagg 6001 gttcctcctt tccctctgtt ctacgtcgga ttatagactc gcggtttttt ctgcgagatt 6061 tctcacaaag cccaaaaagc gtctacgctg ttttaaggtt ctgatcaccg accagtgatg 6121 gagaaactat gagttcatcg tgtatagaag aagtcagtgt accggatgac aactggtacc 6181 gtatcgccaa cgaattactt agccgtgccg gtatagccat taacggttct gccccggcgg 6241 atattcgtgt gaaaaacccc gattttttta aacgcgttct gcaagaaggc tctttggggt 6301 taggcgaaag ttatatggat ggctggtggg aatgtgaccg actggatatg ttttttagca 6361 aagtettacg cgcaggtete gagaaccaae teeeccatea ttteaaagae aegetgegta 6421 ttgccggcgc tcgtctcttc aatctgcaga gtaaaaaacg tgcctggata gtcggcaaag 6481 agcattacga tttgggtaat gacttgttca gccgcatgct tgatcccttc atgcaatatt 6541 cctgcgctta ctggaaagat gccgataatc tggaatctgc ccagcaggcg aagctcaaaa 6601 tgatttgtga aaaattgcag ttaaaaccag ggatgcgcgt actggatatt ggctgcggct 6661 ggggcggact ggcacactac atggcatcta attatgacgt aagcgtggtg ggcgtcacca 6721 tttctgccga acagcaaaaa atggctcagg aacgctgtga aggcctggat gtcaccattt 6781 tgctgcaaga ttatcgtgac ctgaacgacc agtttgatcg tattgtttct gtggggatgt 6841 tcgagcacgt cggaccgaaa aattacgata cctattttgc ggtggtggat cgtaatttga 6901 aaccggaagg catattcctg ctccatacta tcggttcgaa aaaaaccgat ctgaatgttg 6961 atccctggat taataaatat atttttccga acggttgcct gccctctgta cgccagattg 7021 ctcagtccag cgaaccccac tttgtgatgg aagactggca taacttcggt gctgattacg 7081 atactacgtt gatggcgtgg tatgaacgat tcctcgccgc atggccagaa attgcggata 7141 actatagtga acgctttaaa cgaatgttta cctattatct gaatgcctgt gcaggtgctt 7201 tecgegeeg tgatatteag etetggeagg tegtgttete aegeggtgtt gaaaaeggee 7261 ttcgagtggc tcgctaaagg ctattctatc gccccctctc cgggggcgat ttcagatcag 7321 gettetgtge etggttgatt catggeattt tetegtgeeg eeageacaeg ttetaeegta 7381 tetaccactg cetgagtttg tggategatt teaatgttga egegtgegee aagtttttte 7441 ttcccaagag tcgtgcgttc cagtgtttcc ggaattaaat ggacgcaaaa acgcgttggc 7501 gtgacttcgc cgacggtcag gctaataccg tcgatgccaa taaatccttt gtacagaata 7561 tatttcatca actgactatc ctggacttta aaccagatct ggcgattatt ttctgaggtt 7621 aatattttcg ccacttcagc agtggtcata atatgacctg acattaagtg tccgccaatt 7681 tcatcactga atttcgccgc acgctcaacg tttacccaat cccccacttt taaatcgcca 7741 agattggtaa tgcgtaacgt ttctttcatc aggtcaaaac tgacatggtt gccgttaatt

7801	tccqtcacgg	tcaggcagca	accgttatgc	gccacggaag	caccggtttc	caggccgtcc
7861	agcatgtggt	cgggtaactc	caccacatgc	gtacgaaaat	ttggtttctc	gtcaatcgac
7921	accagttttg	cggtgccctg	tacaatcccc	gtaaacatac	ttacaactcc	tgaaatcagt
7981	taagacattc	tgttcagcac	aatagcaggt	ggaaaacgcc	cttaccagtg	aaggggtaag
8041	aatggctatt	ttttcactgg	agaattaata	aatcctcgct	acaatagact	gaatttcccc
8101	tacttcttct	ttttgctgcc	cattcaggcg	gctttttagt	ctctcatata	actacaaata
8161	aaaggtgttc	acgtgcagaa	gtatatcagt	gaagcgcgtc	tgttattagc	attagcaatc
8221	ccaataatte	tcgcgcaaat	cgcccaaact	gcgatgggtt	ttgtcagtac	cgtgatggcg

## FIG. 6B

	atgc	aacctgggaa	aagatttta	gtctggctgg	cgggtttgag	cgtactcggt
4681	tttctggcaa	ccgatatgta	tctgcctgct	ttcgccgcca	tacaggccga	cctgcaaacg
4741	cctacatcta	ctgtcagtgc	cagccttagt	ctgttccttg	ccggttttgc	cgcagcccag
4801	cttctqtqqq	ggccgctctc	cgaccgttat	ggtcgtaaac	cggtattatt	aatcggcctg
4861	acaatttttq	cqttaggtag	tctggggatg	ctgtgggtag	aaaacgccgc	tacgctgctg
4921	gtattgcgtt	ttgtacaggc	tgtgggtgtc	tgcgccgcgg	cggttatctg	gcaagcatta
4981	gtgacagatt	attatccttc	acagaaagtt	aaccgtattt	ttgcggccat	catgccgctg
5041	gragatetat	ctccggcact	ggctcctctg	ttaggaagct	ggctgctggt	ccatttttcc
5101	taacaaacaa	ttttcgccac	cctatttacc	attaccgtgg	tgctgattct	gcctattttc
5161	taactcaaac	ccacgacgaa	ggcccgtaac	aatagtcagg	atggtctgac	ctttaccgac
5221	ctactacatt	ctaaaaccta	tcgcggcaac	gtgctgatat	acgcagcctg	ttcagccagt
5281	ttttttacat	gactgaccgg	ttcaccattc	atccttagtg	aaatgggcta	cagcccggca
53/1	attattaatt	taagttatgt	cccgcaaact	atcgcgtttc	tgattggtgg	ttatggctgt
5/01	gecaecaeae	tacagaaata	gcaaggcaag	cagttattac	cgtggttgct	ggtgctgttt
5461	actatosaca	teatteegac	ctagactaca	ggcttcatta	gccatgtgtc	gctggtcgaa
5601	atesteates	cattetatat	gatggcgatt	gccaatggcg	cgatctaccc	tattgttgtc
	accetyacee	tacatacatt	cccacacaca	actggtcgcg	ccacaacatt	gcagaacact
5581	geeeaggege	atatataatt	cctcacaeaat	ctggtagttt	cctggctgat	cagtatcage
5641	cttcaactgg	teresease	caccatasta	ttatcaacag	taatgctggt	cacactagat
5701	acgccattgc	Leaceaceac	caycytyaty	taccadaatc	atageagge	cgaagtcgct
			ayaagttygt	tgccagaatc	acggcaacge	03300300
5821	catagcgaat	cacactga				

FIG. 7